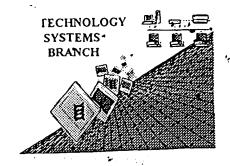# RAW SEQUENCE LISTING ERROR REPORT

BEST AVAILABLE COPY

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _US|09|847637_

Source: _OIPE_

Date Processed by STIC: _08|13|01_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

<u>Checker Version 3.0 can be down loaded from the USPTO website at the following address:</u>
http://www.uspto.gov/web/offices/pac/checker

```
            RAW SEQUENCE LISTING              DATE: 08/13/2001
            PATENT APPLICATION:  US/09/847,637    TIME: 10:51:06

            Input Set : A:\13125-002001.TXT
            Output Set: N:\CRF3\08132001\I847637.raw
```

```
  4 <110> APPLICANT: Naparstek, Yaakov
  5         Ulmansky, Rina
  6         Kashi, Yechezkel
  8 <120> TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
  9         THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
 10         SEQUENCES AND THE DIFFERENT USES THEREOF
 13 <130> FILE REFERENCE: 13125-002001
 15 <140> CURRENT APPLICATION NUMBER: 09/847,637
 16 <141> CURRENT FILING DATE: 2001-05-02
 18 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00595
 19 <151> PRIOR FILING DATE: 1999-11-04
 21 <150> PRIOR APPLICATION NUMBER: 60/107,213
 22 <151> PRIOR FILING DATE: 1998-11-05
 24 <160> NUMBER OF SEQ ID NOS: 9
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
310 <210> SEQ ID NO: 9       Errored: See page 2 of 4
311 <211> LENGTH (575)
312 <212> TYPE: PRT                               Does Not Comply
313 <213> ORGANISM: Artificial Sequence     Corrected Diskette Needed
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Common motif
318 <400> SEQUENCE: 9
319 Ala Lys Ala Arg Gly Leu Ala Asp Ala Val Val Thr Gly Pro Lys Gly
320  1               5                  10                  15
321 Arg Val Glu Trp Gly Pro Thr Asp Gly Val Ala Lys Ile Leu Asp Tyr
322             20                  25                  30
323 Ile Gly Ala Leu Val Val Ala Thr Ala Gly Asp Gly Thr Thr Thr Ala
324         35                  40                  45
325 Thr Val Leu Ala Glu Gly Gly Ala Asn Pro Arg Gly Ala Val Val Leu
326     50                  55                  60
327 Lys Lys Val Thr Glu Ile Ala Ala Ile Ser Ala Gly Asp Ile Gly Ile
328 65                  70                  75                  80
329 Ala Met Lys Val Gly Gly Val Ile Thr Val Thr Leu Glu Glu Gly Met
330             85                  90                  95
331 Phe Asp Gly Tyr Ile Ser Tyr Phe Gln Asp Tyr Leu Leu Lys Ser Pro
332             100                 105                 110
333 Leu Glu Lys Pro Leu Ile Ile Ala Glu Asp Val Gly Glu Ala Leu Ser
334         115                 120                 125
335 Thr Leu Val Asn Val Ala Val Lys Ala Pro Gly Phe Gly Asp Arg Lys
336     130                 135                 140
337 Leu Asp Met Ala Ile Thr Gly Gly Val Glu Glu Leu Leu Glu Leu Gly
338 145             150                 155                 160
339 Lys Val Val Thr Lys Asp Gly Gly Asp Ile Arg Ile Ser Tyr Glu Lys
```

RAW SEQUENCE LISTING   DATE: 08/13/2001
PATENT APPLICATION: US/09/847,637   TIME: 10:51:06

Input Set : A:\13125-002001.TXT
Output Set: N:\CRF3\08132001\I847637.raw

```
     340                  165                  170                  175
     341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val Lys Gly Val Glu Glu
     342                  180                  185                  190
     343 Lys Arg Asp Ala Ala Ala Val Glu Glu Gly Ile Val Gly Gly Gly Leu
     344              195                  200                  205
     345 Leu Pro Leu Asp Leu Asp Gly Ile Lys Leu Pro Leu Ala Asn Gly Glu
     346      210                  215                  220
     347 Glu Lys Gly Ala Gly Gly Asp Pro Lys Val Arg Ala Leu Ala Ala Ala
     348 225                  230                  235                  240
     349 Leu Thr Glu Val Val Pro Glu Lys Pro Gly Gly Met Gly Gly Met
E--> 350                  245                  250                  255
```

*Field 211 integer does not match
the actual number of protein
residues in the sequence listing.
Field 211 indicates 575 residues;
There are only 255 residues in the sequence.*

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/847,637**

DATE: 08/13/2001
TIME: 10:51:07

Input Set : **A:\13125-002001.TXT**
Output Set: **N:\CRF3\08132001\I847637.raw**

L:350 M:252 E: No. of Seq. differs, <211>LENGTH:Input:575 Found:255 SEQ:9